

LISTING OF CLAIMS

The following is a copy of Applicants' claims that identifies language being added with underlining ("____") and language being deleted with strikethrough ("~~_____~~"), as is applicable:

1. (Previously Presented) A method of authoring a document to be served for rendering on a plurality of classes of device comprising:

defining at least two choices of content which may be styled for a first content portion of the document;

defining at least two choices of content which may be styled for a second content portion of the document; and

labelling the choices of content for a web page to indicate to a server approved combinations of content for the first content portion of the web page with content for the second content portion of the same web page, wherein the web page is produced for serving to a requesting user by incorporating an approved combination of content for the first content portion of the web page and the second content portion of the same web page.

2. (Previously Presented) The method of claim 1 in which the step of labelling the choices of content to indicate approved combinations is performed manually by an author.

3. (Previously Presented) A method according to claim 1 or claim 2 which includes an additional step of arranging allowable choices into class sub-sets, each class sub-set including only those labelled choices which match properties of a class of devices on which a web document is to be rendered.

4. (Previously Presented) The method of claim 3 which comprises defining more than one class sub-set of the allowable choices.

5. (Previously Presented) The method of claim 1 which includes a further step comprising receiving properties of a device requesting a web document and selecting from a sub-class of combinations which includes a device requesting the document a set of content which matches the properties of the requesting device.

6. (Original) The method of claim 5 in which the properties comprise physical properties of the device.

7. (Previously Presented) The method of claim 6 in which a step of grouping into sub-classes according to the properties of the device class comprises applying a set of rules to the content forming each combination in order to determine if the combination is allowable.

8. (Previously Presented) The method of claim 7 in which a rule which is used comprises checking that the combination of content for the first and second portions fits within a minimum and/or a maximum area available on all of the devices within the class for rendering the content portions.

9. (Previously Presented) The method of claim 8 in which a different rule which may be applied is to check if all of the content for the combination can be rendered by all of the defined devices within a class.

10. (Previously Presented) The method of claim 1 in which the class of devices comprises PDA devices, or PCs or WAP enabled devices.

11. (Previously Presented) The method according to claim 1 in which a web document which is authored comprises a web page, a portion of a web page or a set of web pages which are related to one another in some way.

12. (Previously Presented) The method of claim 1 in which a choice of content is provided as a separate file or a sub-file of a single file.

13. (Previously Presented) The method of claim 1 further comprising a step of providing content comprising authoring new content.

14. (Previously Presented) A method according to claim 1 which includes a step of providing a preference to each approved combination indicating which combination should be used in preference to another combination should more than one combination be suitable for sending to the requesting device.

15. (Previously Presented) A method according to claim 14 in which the preference is to ensure that a largest size content is always used for the given property of the requesting device

16. (Currently Amended) A method ~~of any one of claims~~ according to claim 14 or claim 15 in which labels for the approved combinations are used to indicate the preference.

17. (Previously Presented) The method of claim 1 which includes the step of transmitting to the device making the request for a web document which includes one of the approved combinations included in the class-subset containing the requesting device which is best suited to that device.

18. (Currently Amended) A system for authoring a document to be served for rendering on a plurality of classes of ~~device~~ devices comprising:

a content defining tool for defining at least two choices of content which may be styled, for a first content portion of the document and at least two choices of content, which may be styled, for a second content portion of the document; and

a labelling tool which permits an author to label the choices of content to indicate to a server allowable combinations of content for the first content portion with content for the second content portion of the same document, and

processing circuitry configured to execute the content defining tool and the labeling tool.

wherein the document is produced for serving to a requesting user by incorporating an approved combination of content for the first content portion of the document and the second content portion of the same document.

19. (Previously Presented) The system of claim 18 in which the content defining tool comprises an editor which permits the author to define an identity and location of existing content choices and/or to author new content.

20. (Previously Presented) A system according to claim 18 or claim 19 in which the labelling tool is adapted to render automatically selected choices for the author or other user and request the author or user to indicate if the combination is approved.

21. (Previously Presented) The system of claim 20 in which a sub-class selection tool is provided which arranges the allowable combination of choices into class sub-sets, each class sub-set including only those labelled choices which match properties of a class of devices on which a web document is to be rendered.

22. (Previously Presented) A system according to claim 20 in which the sub-class selection tool includes a device property agent which is adapted to retrieve properties of devices which form the class of devices for which the sub-class is based.

23. (Currently Amended) A computer readable storage medium storing a computer program ~~data-structure that is suitable~~ for processing to produce a rendered document, the program comprising:

a content defining section defining at least two choices of content for the document, which may be styled, for a first content portion of the document and at least two choices of content, which may be styled, for a second content portion of the same document; and

a label section which includes labels corresponding to choices of content, each label indicating to a server an allowable combination of content for the first content portion with content for the second content portion of the same document, wherein the document is produced for serving to a requesting user by incorporating an approved combination of content for the first content portion of the document and the second content portion of the same document.

24. (Currently Amended) The ~~data-structure~~ computer readable storage medium of claim 23 in which a sub-class selection section which includes at least one defined class sub-set, each class sub-set including only those labelled choices which match properties of a class of devices on which a web document is to be rendered.

25-27. (Canceled)